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**First M.B.B.S. (2019) Examination, Winter - 2022
ANATOMY-I (Paper-I)**

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use *blue/black* ball point pen only.
 - 2) *Do not write anything on the blank portion of the question paper. Rough work should not be done on the Answer Sheets or anywhere on the Question Paper except the specific space provided for the rough work. If written anything, such type of act will be considered as an attempt to resort to unfair means.*
 - 3) All questions are **compulsory**.
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*
 - 7) Use a common answerbook for section B.

2. Brief Answer Question (Solve any 10 Out of 11) : [10 × 2 = 20]

- a) Enumerate all the structures within the substance of parotid gland.
- b) A patient of lateral medullary syndrome shows cerebellar signs. Name the structure affected and enumerate the constituent tracts.
- c) Enumerate the arteries supplying the internal capsule.
- d) Enlist the characteristics of Mitochondrial inheritance.
- e) On a hot summer day, an 8 yr old boy presents with spontaneous bleeding from the nose. Name the source of bleeding & arteries involved.
- f) Enumerate any four derivatives of Endoderm.
- g) Give nerve supply of larynx.
- h) Enumerate the arterial supply of the breast.
- i) Name the unpaired dural venous sinuses.
- j) Give attachments, nerve supply and actions of Flexor carpi radialis.
- k) Enumerate any four muscles moving the eyeball along with nerve supply

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3. Short Answer Questions (Solve any 8 Out of 9) :

[8 × 5 = 40]

- a) First arch syndrome.
- b) Role of doctor in Community.
- c) Describe microscopic structure of Pituitary gland.
- d) Down syndrome.
- e) Placental Barrier.
- f) Maxillary air Sinus.
- g) Axillary nerve.
- h) Primary motor area.
- i) Gross anatomy of palatine tonsil.

4. Long Answer Questions (Solve any 2 Out of 3) :

[2 × 10 = 20]

- a) Describe the clinical anatomy of the Middle Ear. Add a note on its development.
- b) Describe shoulder joint under following heads.
 - i) Classification & articular surfaces. [2]
 - ii) Ligaments. [3]
 - iii) Movements & Muscles acting. [3]
 - iv) Applied anatomy. [2]
- c) Describe the midbrain under following heads.
 - i) External features. [2]
 - ii) Internal features. [4]
 - iii) Blood supply. [1]
 - iv) Applied anatomy. [3]

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